

Missouri Department of Natural Resources

Total Maximum Daily Load Information Sheet

Dry Fork

Water Body Segment at a Glance:

County:	Lawrence
Nearby City:	Miller
Water Body ID:	3178
Segment Length:	3.4 miles
Watershed Size:	9.3 square miles
Pollutant:	Aquatic Macroinvertebrate Bioassessments
Source:	Unknown



Statewide Map Showing Location of Watershed

Scheduled for TMDL development: 2022

Description of the Problem

Designated beneficial uses of Dry Fork

- Livestock and Wildlife Watering
- Protection of Warm Water Aquatic Life
- Protection of Human Health (Fish Consumption)
- Whole Body Contact Recreation – Category B

Uses that are impaired

- Protection of Warm Water Aquatic Life

Standards that apply

The state's general water quality criteria at 10 CSR 20-7.031(3) are applicable to all waters of the state at all times. No water contaminant, by itself or in combination with other substances, shall prevent the waters of the state from meeting the following conditions:

- Waters shall be free from substances or conditions in sufficient amounts to result in toxicity to human, animal, or aquatic life [10 CSR 20-7.031(3)(D)].
- Waters shall be free from physical, chemical, or hydrologic changes that would impair the natural biological community [10 CSR 20-7.031(3)(G)].

Background information and water quality data

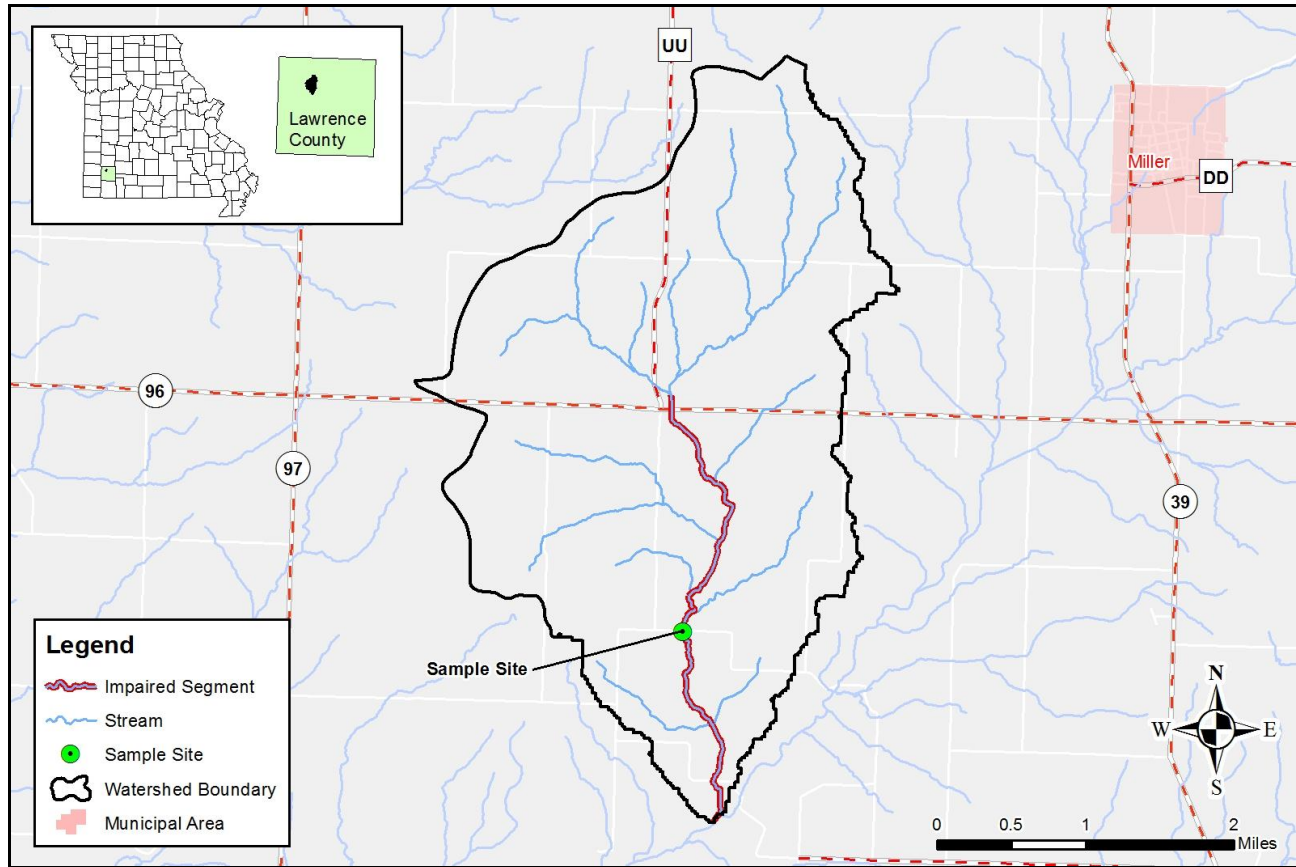
Dry Fork is a rural stream and is a tributary to Stahl Creek in Lawrence County. Aquatic invertebrate samples were collected from Dry Fork in 2009 and 2010. These samples were analyzed and a score was determined to indicate the health of the aquatic community based on the numbers and types of species present. Scores of 16 or greater are considered healthy and reflect an unimpaired condition. Scores less than 16 indicate an impaired condition, which may be caused by toxicity or habitat issues within the waterway. Additional monitoring may be necessary to determine if the cause of the low scores is due to a chemical or physical condition.

Invertebrate communities are judged to be impaired if the percent of sampling sites receiving a score of 16 or more is significantly less than for reference streams within the same ecological drainage unit. If there are seven or fewer samples, as in the case of Dry Fork, the department judges a stream as impaired if at least 75 percent of the samples score less than 16. For Dry Fork, both samples scored less than 16. For this reason, the stream is judge to be impaired.

Invertebrate Community Data

<i>Sampling Organization</i>	<i>Sample Site Code</i>	<i>Sampling Location</i>	<i>Date</i>	<i>Score</i>
MoDNR	3178/0.5	Dry Fk.at County Road 2075	Sept. 29, 2009	12
MoDNR	3178/0.5	Dry Fk.at County Road 2075	March 30, 2010	12

Map Showing the Dry Fork Watershed



For more information call or write:

Missouri Department of Natural Resources
Water Protection Program

P.O. Box 176, Jefferson City, MO 65102-0176

1-800-361-4827 or 573-751-1300 office

573-526-6802 fax

Program Home Page: dnr.mo.gov/env/wpp/index.html

NOTE: The final Dry Fork TMDL will use the most recent and available data and information.